

Amendments To The Claims:

Claims 1-25. (Canceled)

Claim 26. (Currently Amended) An intraluminal device for implantation into a body lumen comprising:

an elongate tubular stent formed of a helically wound wire defining a plurality of wire waves wherein said wire waves are longitudinally nested within each other;

the stent having an unexpanded state, the plurality of wire waves comprising a first wire wave and a second wire wave, the first wire wave being longitudinally adjacent to the second wire wave, wherein at least a portion of the first wire wave is in direct contact with at least a portion of the second wire wave in the unexpanded state;

the stent having a length; and

a lumen defined by a covering extending along at least a portion of the length of the stent, wherein the stent defines an open area between portions of the longitudinally adjacent wire waves, the percentage of open area in relation to the total surface area of the stent is less than 28%, when the stent is in the unexpanded state.

Claim 27. (Previously Presented) An intraluminal device of claim 26 wherein said waves are defined by a given amplitude and wherein said given amplitude of the waves varies along the length of said stent.

Claim 28. (Previously Presented) An intraluminal device of claim 27 wherein said amplitude of the waves adjacent the ends of the stent is smaller than the amplitude of the waves therebetween.

Claim 29. (Previously Presented) An intraluminal device of claim 26 wherein said covering is porous.

Claim 30. (Previously Presented) An intraluminal device of claim 26 wherein said covering is solid.

Claim 31. (Previously Presented) An intraluminal device of claim 26 wherein said covering is elastic.

Claim 32. (Previously Presented) An intraluminal device of claim 26 wherein said covering is formed from a membrane.

Claim 33. (Previously Presented) An intraluminal device of claim 26 wherein covering is generally cylindrical.

Claim 34. (Previously Presented) An intraluminal device of claim 31 wherein said covering is supported continuously along said tubular body.

Claim 35. (Previously Presented) An intraluminal device of claim 26 wherein said covering is formed of a film.

Claim 36. (Previously Presented) An intraluminal device of claim 35 wherein said film is porous.

Claim 37. (Canceled)

Claim 38. (Previously Presented) An intraluminal device for implantation into a body lumen comprising:

 an elongate tubular stent defined by a plurality of helically wound wire waves, each wire wave defined by an amplitude;

 longitudinally adjacent wire waves having a peak-to-peak distance, wherein the peak-to-peak distance is less than two times of the amplitude of at least one of the longitudinally adjacent wire waves;

 the stent having an unexpanded state, the plurality of wire waves comprising a first wire wave and a second wire wave, the first wire wave being longitudinally adjacent to the second wire wave, wherein at least a portion of the first wire wave is in direct contact with at least a portion of

the second wire wave in the unexpanded state;

the stent having a length; and

a covering extending along at least a portion of the length of the stent, wherein the stent defines an open area between portions of the longitudinally adjacent wire waves, the percentage of open area in relation to the total surface area of the stent is less than 28%, when the stent is in the unexpanded state.

Claims 39 -40. (Cancelled)